Data Analytics and Reporting

What?

Via an intelligent and automized analysis of your customs-related raw data, we support you in gaining valuable insights and thus optimize your customs and export control processes.

How?

By analyzing, verifying and modelling of data relating to customs or export controls with the help of a high-end data exploration and visualization platform.

Why AWB Consulting?

Our team consists of dedicated professionals who carefully analyze the collected data in order to draw relevant results to potentially improve your customs processes.

Our Services

- **Data Analytics**
  - Automated analysis of your customs data to identify and correct control weaknesses, errors and inconsistencies in a timely manner
  - Visualization of patterns in master data and recognition of potential savings opportunities
  - Extensive evaluation options with regard to current KPIs and forecast scenarios
  - Support in the implementation of the proposed optimization possibilities

- **Customs Reporting**
  - Data modelling - collecting, defining, organizing and documenting to show database structures
    - E.g. import, export - compression/reproduction per country
  - IT-based customs-related generation of data or key figures
  - Roll-out questionnaires across corporate departments
  - workflow management with deadline monitoring
  - Validation and preparation of the corresponding reports in the preferred format

Key Benefits

- Time and cost saving
- Improved quality of data
- Thoroughly access and view of database
- Tailor made surveys
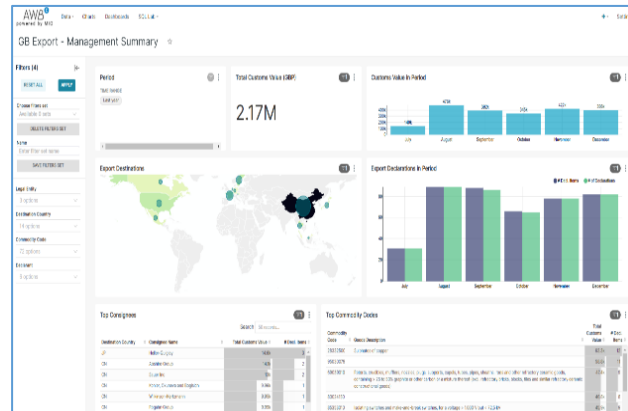- Continous review of progress

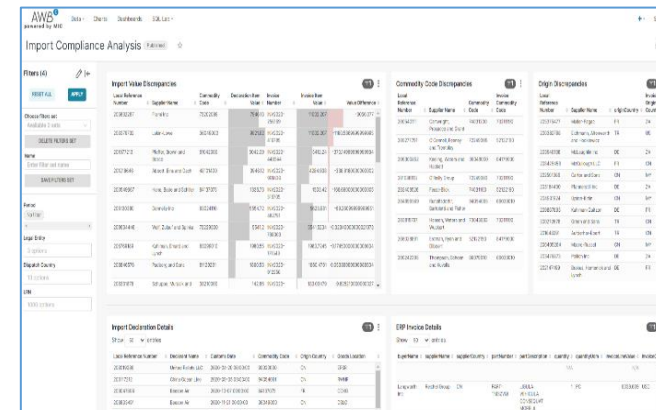# Data Analytics and Reporting

Sample Use Cases

Reporting
Systematic understanding of total delivered cost including duties and available reliefs

Compliance
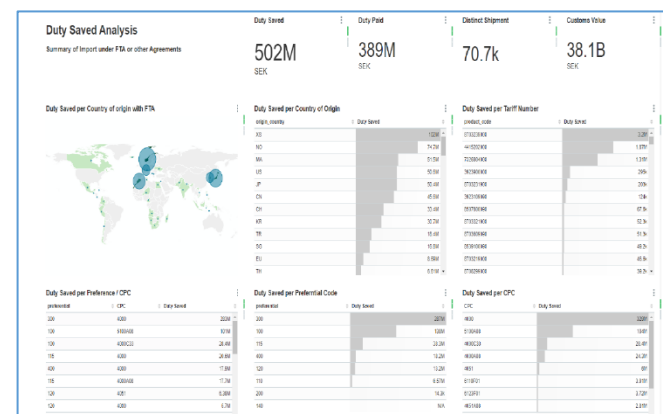Automized analysis of customs data in order to identify weaknesses and errors

Forecasting
Enable real-time, configurable data analysis for steering and predictive capabilities

Savings
Identify and simulate possible saving scenarios

Data Sources:
Transactional   External

Master   Declaration

Technology

ORACLE
MIC DB

nifi
ETL

ClickHouse
FAST, EXTERNAL DATA CUBES

REST API

VISUALIZATION
APACHE SUPERSET